

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
17076

Total Pages in this Submission  
4

## TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**FINGERPRINT AUTHENTICATION METHOD, PROGRAM AND DEVICE CAPABLE OF JUDGING  
INEXPENSIVELY WHETHER INPUT IMAGE IS PROPER OR NOT**

and invented by:

Kaoru Uchida

31108 U.S. PTO  
10/672550  
09/26/03

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 32 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

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**Applicati n Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets 6
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9. ☒ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement/PTO-1449                      ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Certificate of Mailing
- ☐ First Class    ☒ Express Mail *(Specify Label No.):* EV 247989702 US

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**Accompanying Application Parts (Continued)**

17. ☒ Additional Enclosures *(please identify below):*

Assignee Name: NEC Corporation

Assignee Address: Tokyo, Japan

Claim of Priority in due course

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

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**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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(19) Correspondence Address  
Customer Number: 23389

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	33	- 20 =	13	x \$18.00	\$234.00
Indep. Claims	3	- 3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$750.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$984.00

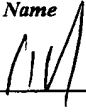
- ☒ A check in the amount of \$984.00 to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Signature

Paul J. Esatto, Jr.  
Registration No.: 30,749

Dated: September 26, 2003

cc: PJE/rjl

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): Seiji Funaba, et al.			Docket No. 17076
Serial No. Unassigned	Filing Date Herewith	Examiner Unassigned	Group Art Unit Unassigned
Invention: <b>FINGERPRINT AUTHENTICATION METHOD, PROGRAM AND DEVICE CAPABLE OF JUDGING INEXPENSIVELY WHETHER INPUT IMAGE IS PROPER OR NOT</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>New Application</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>September 26, 2003</u> <span style="margin-left: 150px;"><i>(Date)</i></span></p> <div style="text-align: right; margin-top: 20px;"><div style="display: inline-block; text-align: center; width: 150px;"><div>Paul J. Esatto, Jr.</div><div><i>(Typed or Printed Name)</i></div></div><div style="display: inline-block; text-align: center; width: 150px;"><div></div><div><i>(Signature)</i></div></div><div style="display: inline-block; text-align: center; width: 150px; margin-top: 20px;"><div>EV 247989702</div><div><i>("Express Mail" Mailing Label Number)</i></div></div></div>			
Note: Each paper must have its own certificate of mailing.			

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b> Kaoru Uchida	<b>Examiner:</b> Unassigned
<b>Serial No:</b> Unassigned	<b>Art Unit:</b> Unassigned
<b>Filed:</b> Herewith	<b>Docket:</b> 17076
<b>For:</b> FINGERPRINT AUTHENTICATION METHOD, PROGRAM AND DEVICE CAPABLE OF JUDGING INEXPENSIVELY WHETHER INPUT IMAGE IS PROPER OR NOT	<b>Dated:</b> September 26, 2003

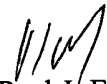
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CLAIM OF PRIORITY**

Sir:

Applicants in the above-identified application hereby claim the right of priority in connection with Title 35 U.S.C. § 119 and in support thereof, will submit in due course a certified copy of Japanese Patent Application No. 283309/2002, filed on September 27, 2002.

Respectfully submitted,

  
Paul J. Esatto, Jr.  
Registration No.: 30,749

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

Express Mailing Label No.: EV 247989702 US

Date of Deposit: September 26, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450 on September 26, 2003.

Dated: September 26, 2003

  
Paul J. Esatto, Jr.